

Missouri Statewide Health Information Exchange

Key Stakeholder & Participant Meeting

September 17, 2009



Agenda

- **Welcome & Introductions (~15 minutes)**
- **State Opportunities Under HITECH (~45 minutes)**
 - Overview
 - Meaningful Use Incentives
 - Medicaid Administrative Funding
 - Regional Extension Centers
 - State HIE Program
- **Project Plan (~45 minutes)**
 - Project Tasks & Timeline
 - ONC Requirements
 - Application
 - Strategic Plan
 - Operational Plan
- **Potential Framework for Stakeholder Engagement (~15 minutes)**
- **Next Steps (~15 minutes)**

Anticipated Project Results

- ☑ Develop and submit Project Application
- ☑ Conduct Strategic and Operational Plan Gap Assessment
- ☑ Develop Strategic Plan in alignment with ONC requirements
- ☑ Develop Operational Plan in alignment with ONC requirements

HIE Definitions

- **Health Information Exchange**
 - The electronic movement of health-related information among organizations according to nationally recognized standards
- **Health Information Organization**
 - An organization that oversees and governs the exchange of health-related information among organizations according to nationally recognized standards.
- **Regional Health Information Organization**
 - A health information organization that brings together health care stakeholders within a defined geographic area and governs HIE among them for the purpose of improving health and care in that community.
- **State-level Health Information Exchange**
 - Refers to a set of collaborative, public and private sector efforts for achieving statewide interoperability
 - Statewide purview with two primary functions: *governance* (convene & coordinate) and/or *operations* (provide technical HIE services)
- **“Qualified” State-Designated Entity**
 - Designated by the state as eligible to receive awards
 - A not-for-profit entity with broad stakeholder representation on its governing board;
 - One of its principal goals is to use IT to improve health care quality and efficiency through the authorized and secure electronic exchange and use of health information
 - Adopt nondiscrimination and conflict of interest policies that demonstrate a commitment to open, fair and nondiscriminatory participation by stakeholders

State Opportunities Under HITECH: \$36 Billion in Health IT Funding

Appropriations for Health IT & HIE

\$2 billion for loans, grants & technical assistance:

- **HIE Planning & Implementation Grants**
- EHR State Loan Fund
- National Health IT Research Center & **Regional Extension Centers**
- Workforce Training
- New Technology R&D

Comparative Effectiveness

\$1.1 billion to HHS for CER

- Establishes Federal Coordinating Council to assist offices and agencies of the federal government to coordinate the conduct or support of CER and related health services

New Incentives for Adoption

New Medicare and Medicaid payment incentives to providers for EHR adoption

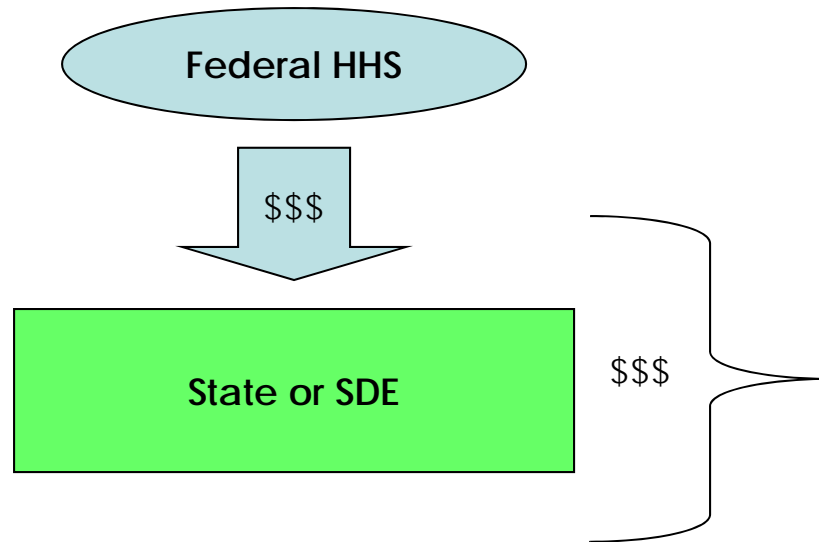
- \$20 billion in expected payments through **Medicare**
- \$14 billion in expected payments through **Medicaid**
- ~\$34 billion in gross expected outlays, 2011-2016

Broadband and Telehealth

\$4.3 billion for broadband & \$2.5 billion for distance learning/ telehealth grants

- Directs ONC to invest in telehealth infrastructure and tools
- Directs the new FACA Policy Committee to consider telehealth recommendations

HIE Implementation & Planning Grants: Funding Flows & Uses



General Uses of Implementation Funds

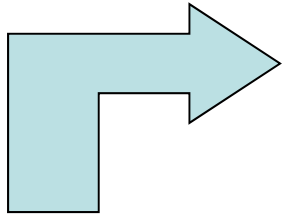
- Broaden participation in HIE nationally
- Advance HIT/HIE use in medically underserved areas
- Engage consumers in use
- Improve quality outcomes and using quality measures
- Complement other federal programs
- Improve public health agencies access to and use of HIE
- Technical assistance to remove barriers

State Designated Entity Definition

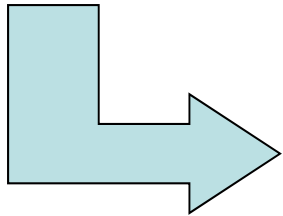
- Be designated by Missouri to receive awards
- Be a not-for-profit with broad stakeholder representation on governing board
- Demonstrate that using IT to improve health care quality and efficiency is one of its principal goals
- Adopt nondiscrimination and other conflict of interest statements that demonstrate commitment to open, fair & nondiscriminatory participation by stakeholders
- Conform to other requirements Federal HHS Secretary establishes

Missouri's Anticipated Allocation of State HIE Program Funding: \$12.9 Million

Two main streams



Planning: Developing plans to accomplish defined activities



Implementation: Accomplishing defined activities

Note: Implementation funds only available after approval of a State Plan by the Federal HHS Secretary



State Plan for Implementation Funds Must:

- Be consistent with the strategic plan developed by the National Coordinator;
- Include a description of the ways the State or qualified State-designated entity will carry out the defined activities;
- Contain elements as the Secretary may require; and
- Be pursued in the public interest.

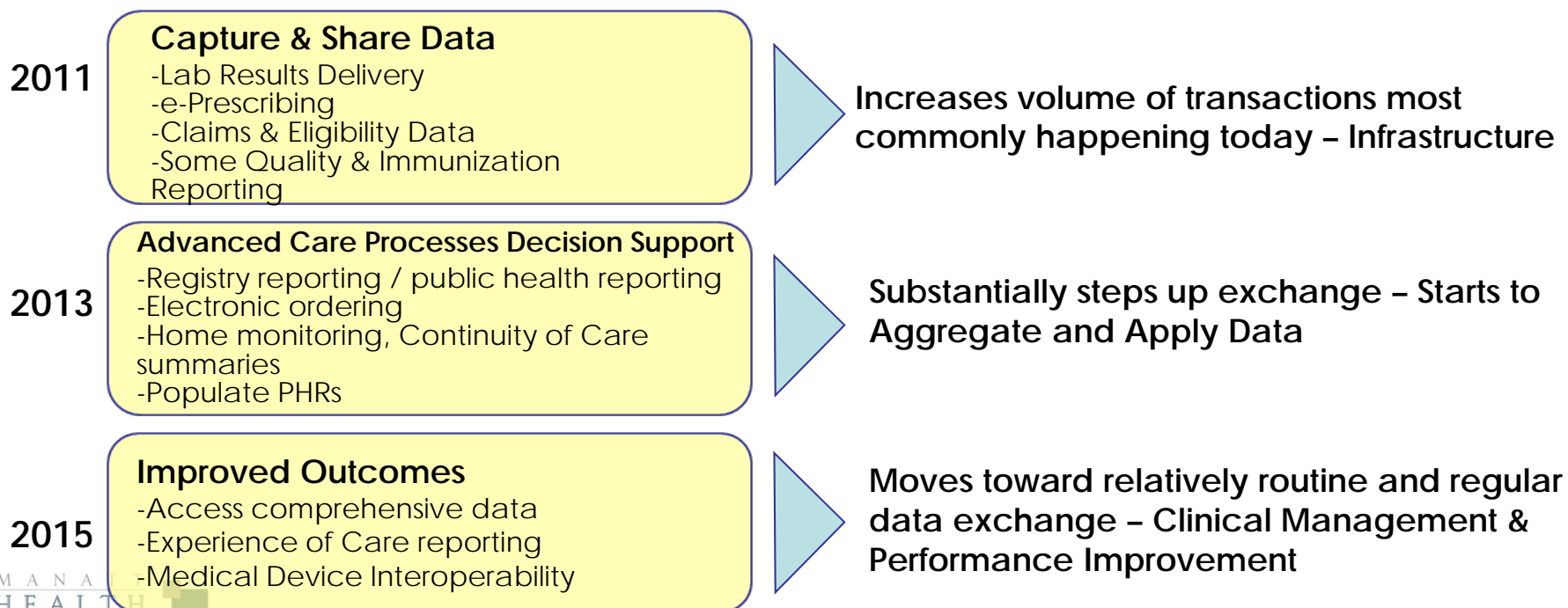
Meaningful Use: \$46Billion in Incentives

Vision of Meaningful Use

“To enable significant and measurable improvements in population health through a transformed health care delivery system.”

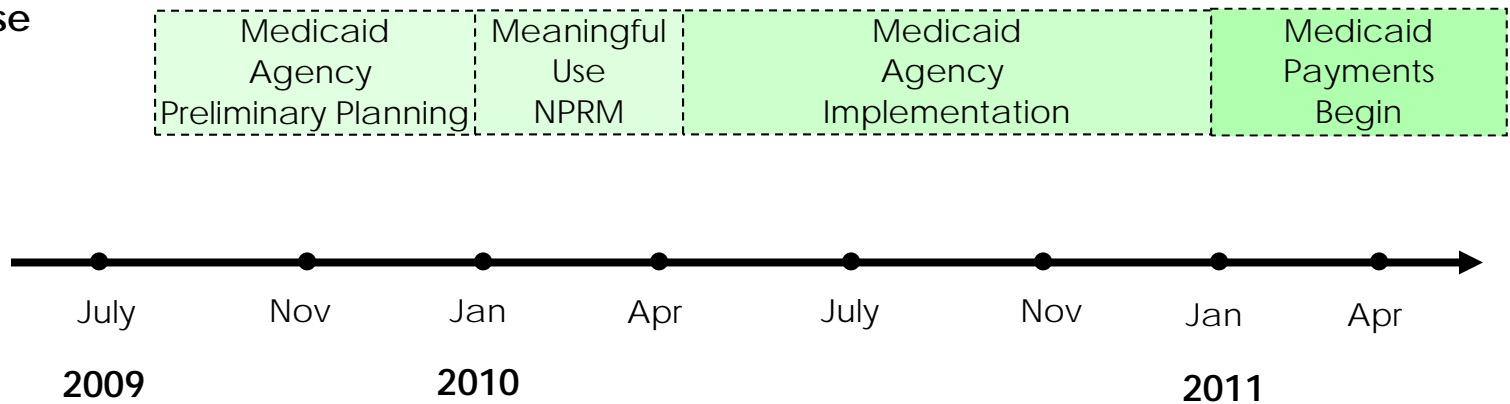
Key Goals

- Improve quality, safety, & efficiency
- Engage patients & their families
- Improve care coordination
- Improve population and public health
- Reduce disparities
- Ensure privacy and security protections



Meaningful Use: Federal Timeline

Meaningful Use & Medicaid Timeline



Medicaid Administrative Funding: State Medicaid Guidance

Sept. 2009 Medicaid Director's Letter:

States must deliver a Medicaid HIT Plan that promotes an **interoperable electronic health system**. The Medicaid Plan must include....

1. Implementation plan for the Medicaid health IT incentive program in their state
2. Assessment of state's health IT capabilities
3. Road map for state health IT initiatives, including target implementation dates
4. Vision for what state's health IT future looks like in 2014

Must be closely linked and interdependent with the State's MMIS and MITA adoption

Regional Extension Centers (RECs)

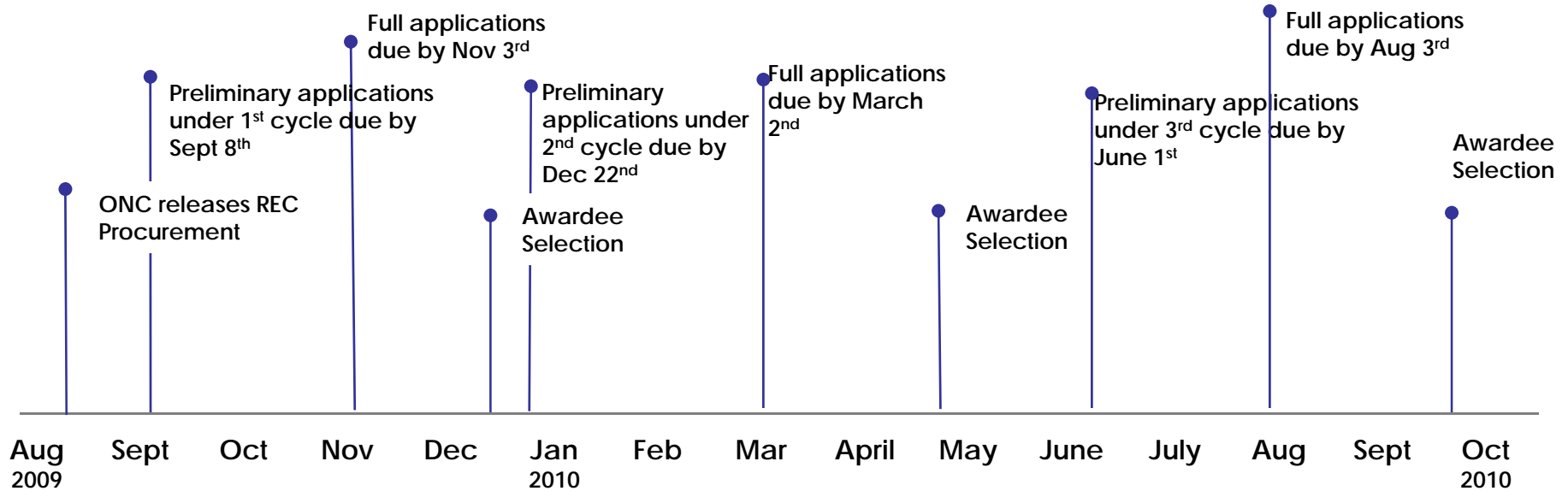
- \$598 Million Total funding from ONC
- Competitive Process – at least 70 RECs in non-overlapping geographic areas nationwide
- Awards to Range from \$1-\$30 Million per REC
- To Support 100,000 primary care providers in aggregate; at least 1,000 per REC

Must demonstrate financial sustainability within 4 years

4 year contracts split into 2 year increments with separate budgets and funding structures – plus ONC has option to renew or drop after first two years

| Health IT RECs Funding-Partnership Summary | | |
|--|---------------------|---------------------------|
| Year | Fed Amount of Costs | Recipient Amount of Costs |
| 1 | 90 percent | 10 percent |
| 2 | 90 percent | 10 percent |
| 3 | 10 percent | 90 percent |
| 4 | 10 percent | 90 percent |

Regional Extension Centers: Timeline



State HIE Program

- \$564 Million Total funding from ONC
- Cooperative Agreements- Non Competitive
- \$4 - \$40 Million per State

State Matching
Requirements
Begin in FY 2011

Four Year
agreements
with states or
State
Designated
Entities (SDEs)

| Fiscal Year | Match Required |
|-------------|-----------------------------------|
| 2010 | None |
| 2011 | \$1 for each \$10 federal dollars |
| 2012 | \$1 for each \$7 federal dollars |
| 2013 | \$1 for each \$3 federal dollars |

State HIE Program: Federal Areas of Emphasis for HIE

ONC Expectations

States will develop or facilitate the creation of a technical infrastructure that supports statewide HIE. While states may prioritize among these HIE services according to its needs, HIE services to be developed include:

- Electronic eligibility and claims transactions
- Electronic prescribing and refill requests
- Electronic clinical laboratory ordering and results delivery
- Electronic public health reporting (i.e., immunizations, notifiable lab results)
- Quality reporting
- Prescription fill status and/or medication fill history
- Clinical summary exchange for care coordination and patient engagement

Implications

States need to develop the governance, policy, & technical capabilities:

- within the framework of meaningful use,
- that ensures HIE is available throughout the state.

State HIE Program: Federal HIE Domains

- **In its Funding Opportunity Announcement (FOA),
ONC identified 5 “Essential” Domains for HIE**
 - Governance
 - Finance
 - Technical Infrastructure
 - Business and Technical Operations
 - Legal/Policy

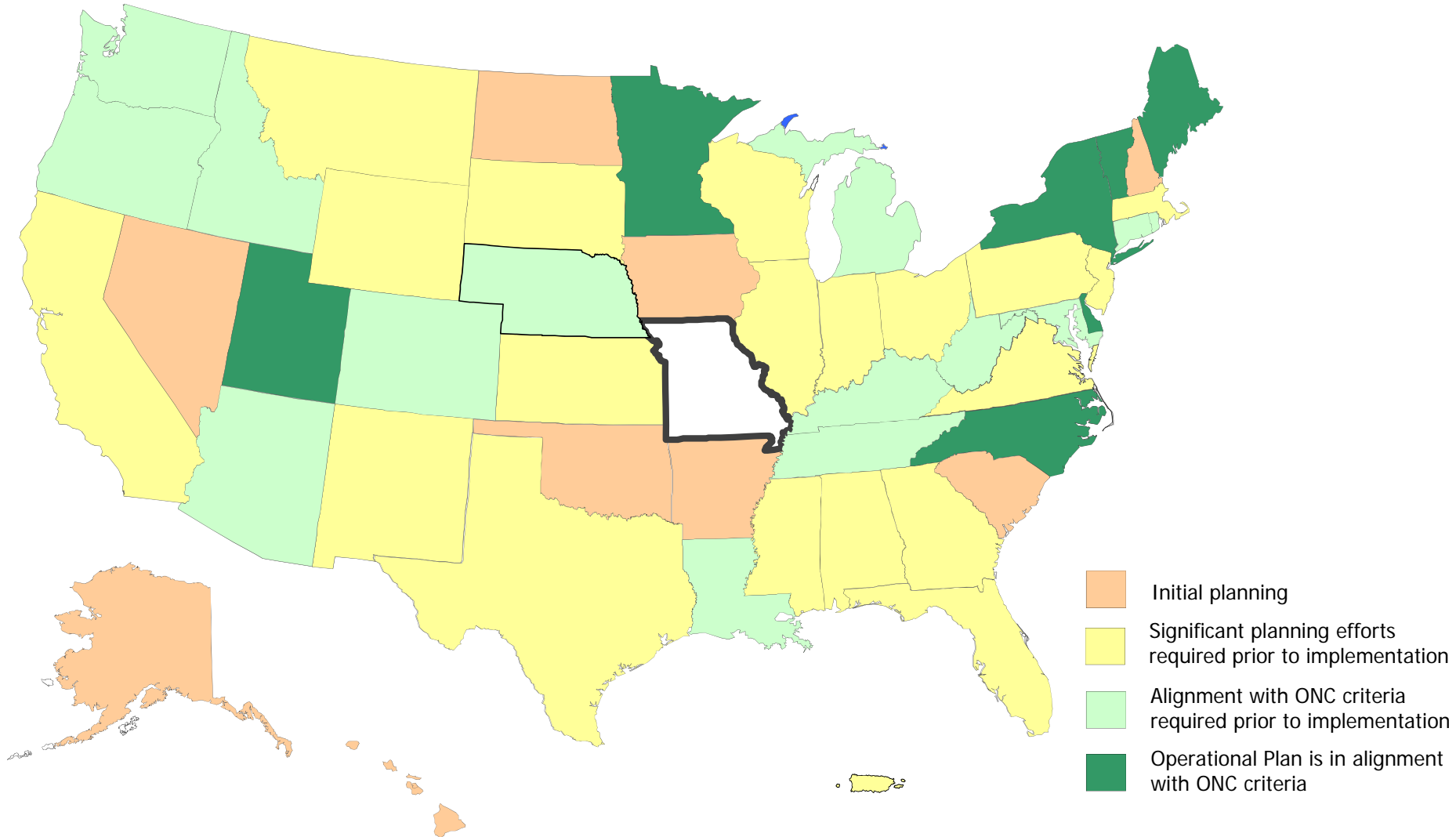
- **ONC Expectations**
 - States will define objectives, set goals, and measure progress within the context of these five domains.

State HIE Program: Classification of States

States will be evaluated for funding based on status of existing HIE activities

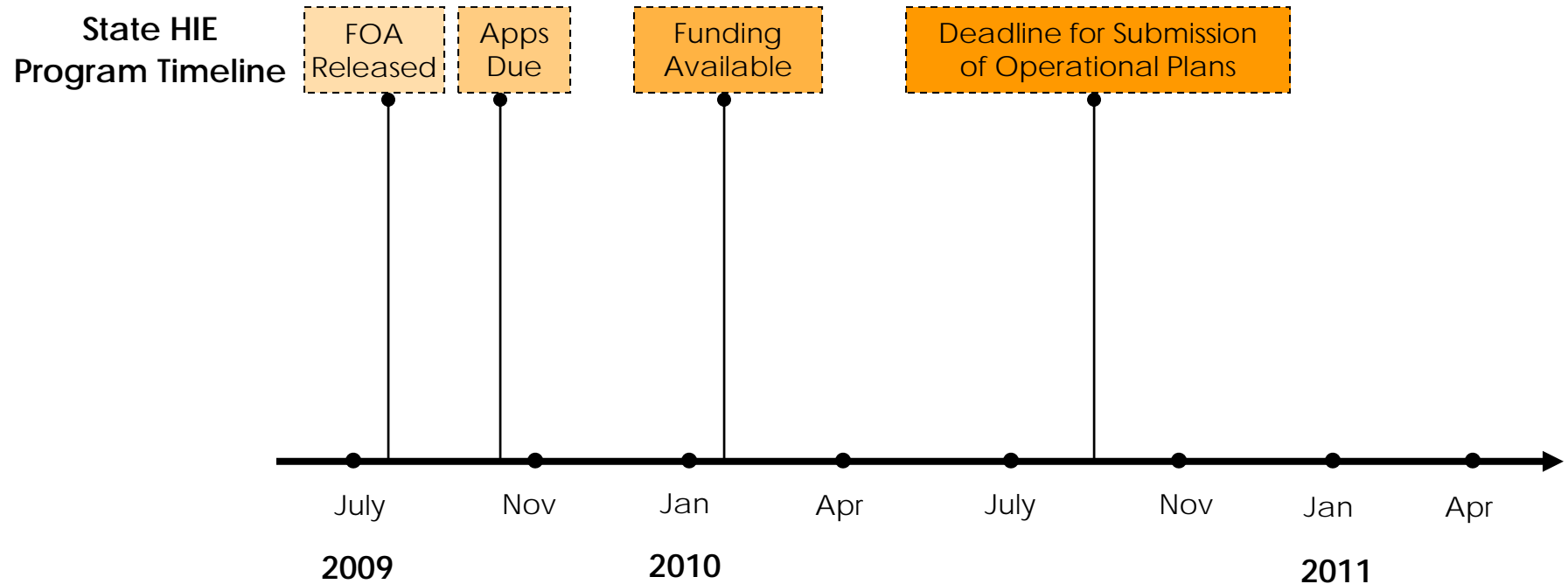
| Category | Required State Action |
|--|---|
| States with no existing Strategic Plan | <ul style="list-style-type: none"> ➤ Provide a detailed description of activities to develop Strategic and Operational Plans by the application deadline ➤ Develop and submit initial Strategic and Operational Plans within 6 – 8 months of funding <p><i>States will engage in substantial “planning activities”</i></p> |
| States with existing Strategic and/or Operational Plans that <i>are not consistent</i> with ONC criteria | <ul style="list-style-type: none"> ➤ Submit existing Plans with a detailed gap analysis compared to ONC’s criteria and a plan for revision ➤ Submit updated Strategic and Operational Plans in alignment with ONC criteria within 3 months of funding <p><i>States are expected to move from planning to implementation activities relatively quickly</i></p> |
| States with existing Strategic and/or Operational Plans that <i>are consistent</i> with ONC criteria | <ul style="list-style-type: none"> ➤ Submit Plans for approval by ONC, including a description of health IT implementation to date and the plan for continued implementation <p><i>States are likely to be engaged in implementation activities early in their projects</i></p> |

State HIE Program: Where are States Today?

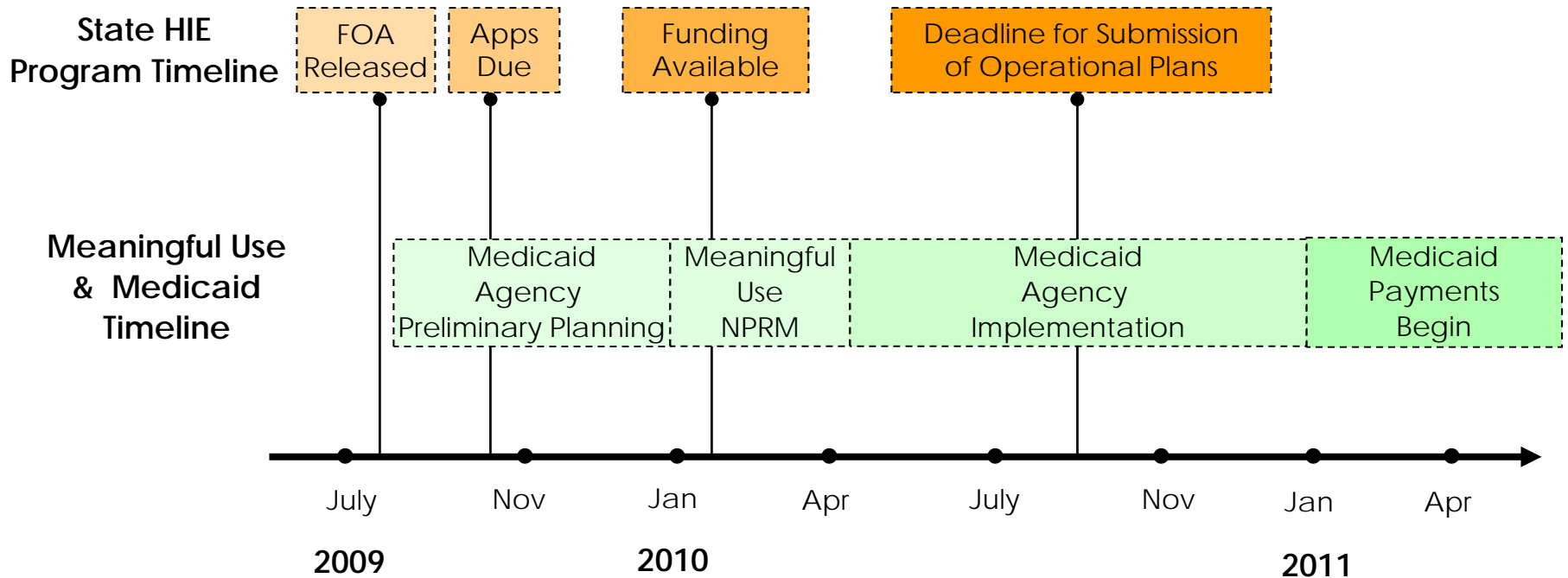


- Initial planning
- Significant planning efforts required prior to implementation
- Alignment with ONC criteria required prior to implementation
- Operational Plan is in alignment with ONC criteria

State HIE Program: Timeline for Applications



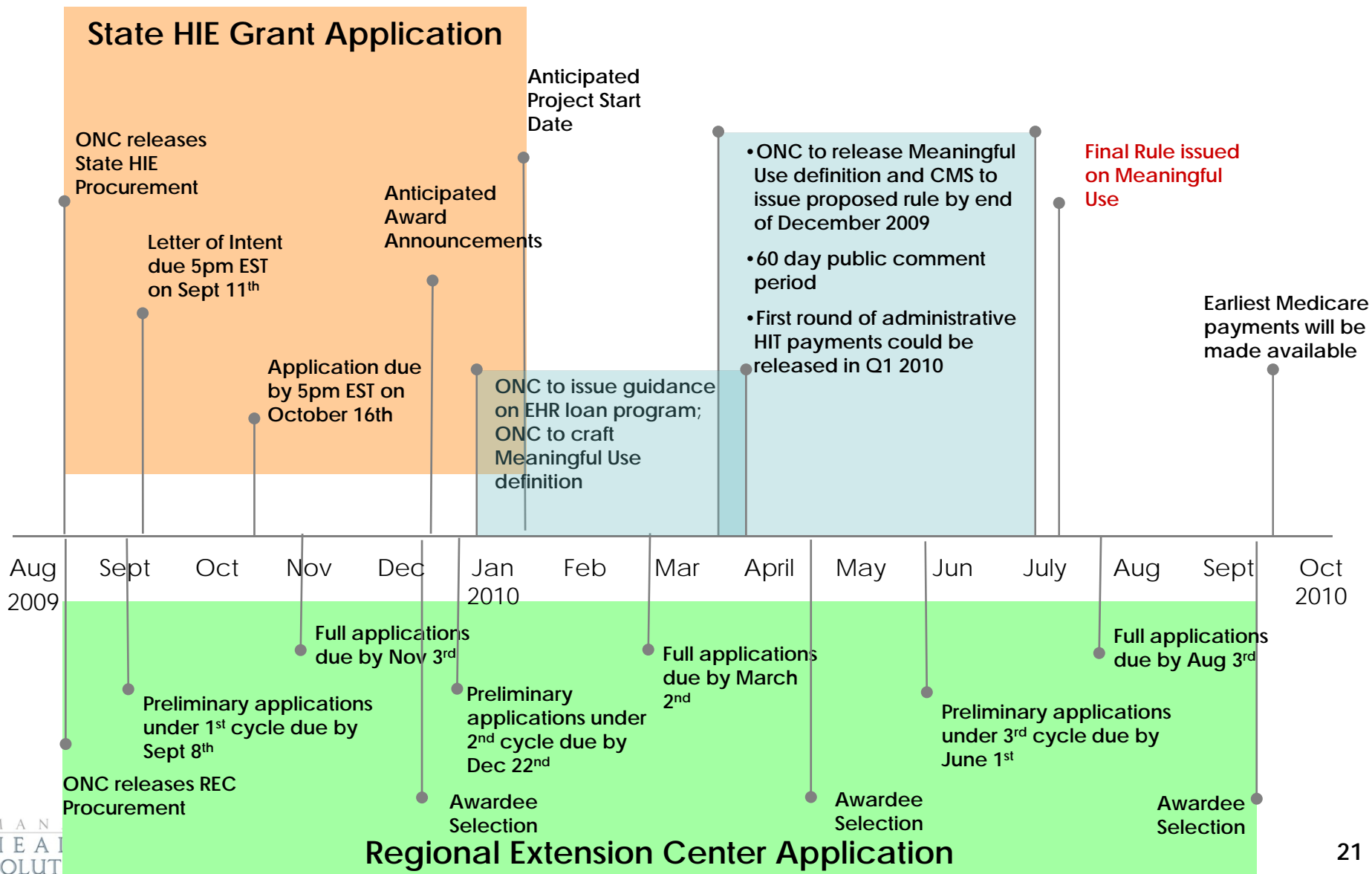
State HIE Program: Blended Timelines



Implications

The next four months can be used to assess options and prepare for implementation.

Combined Timelines: Meaningful Use, RECs, State HIE



Ensuring Sustainability: Federal Vision for HIE

➤ **ONC's State HIE Funding Opportunity Announcement...**

- "Medicare and Medicaid meaningful use incentives are anticipated to create demand for products and services that enable HIE among eligible providers... . The resulting demand for HIE will likely be met by an increased supply of marketed products and services to enable HIE, resulting in a competitive marketplace for HIE services."

Implications

- ONC acknowledges that a viable market for HIE doesn't currently exist.
- Stakeholders must develop a governance, financing, policy and technical infrastructure that both supplies high-value HIE services and creates sustainable demand.

Ensuring Sustainability: Funding

| | State HIE Grant | Regional Extension Center | Medicaid Incentives | Medicaid Admin | State Rev | Medicaid Managed Care Programs | Provider Remittance Fees | Ins Claims Adjudication Fees |
|--------------------------|------------------------|---------------------------------|------------------------|---------------------|-----------------|---|--------------------------------|------------------------------------|
| Total Available | Depends on Population | <i>TBD</i> | <i>TBD</i> | <i>TBD</i> | <i>TBD</i> | <i>TBD</i> | <i>TBD</i> | <i>TBD</i> |
| Distribution | Quarterly 2010-2014 | Quarterly 2010-2014 | TDB 2011-2016 | Annual | Annual | <i>TBD</i> | <i>TBD</i> | <i>TBD</i> |
| Mechanism | Coop Agreement | Coop Agreement | <i>TBD</i> | <i>TBD</i> | Approps | <i>TBD</i> | <i>TBD</i> | <i>TBD</i> |
| Fiscal Agent | State | <i>TBD</i> | Providers | State | State Agency | State Agency | <i>TBD</i> | <i>TBD</i> |
| Potential Sub-Recipients | All | Tech Assist Organizations | <i>NA</i> | <i>TBD</i> | <i>TBD</i> | <i>TBD</i> | <i>TBD</i> | <i>TBD</i> |
| Primary Focus | HIE Capacity | HIT Adoption | Meaningful Use | Some Flexibility | Flexible | <i>TBD</i> | <i>TBD</i> | <i>TBD</i> |

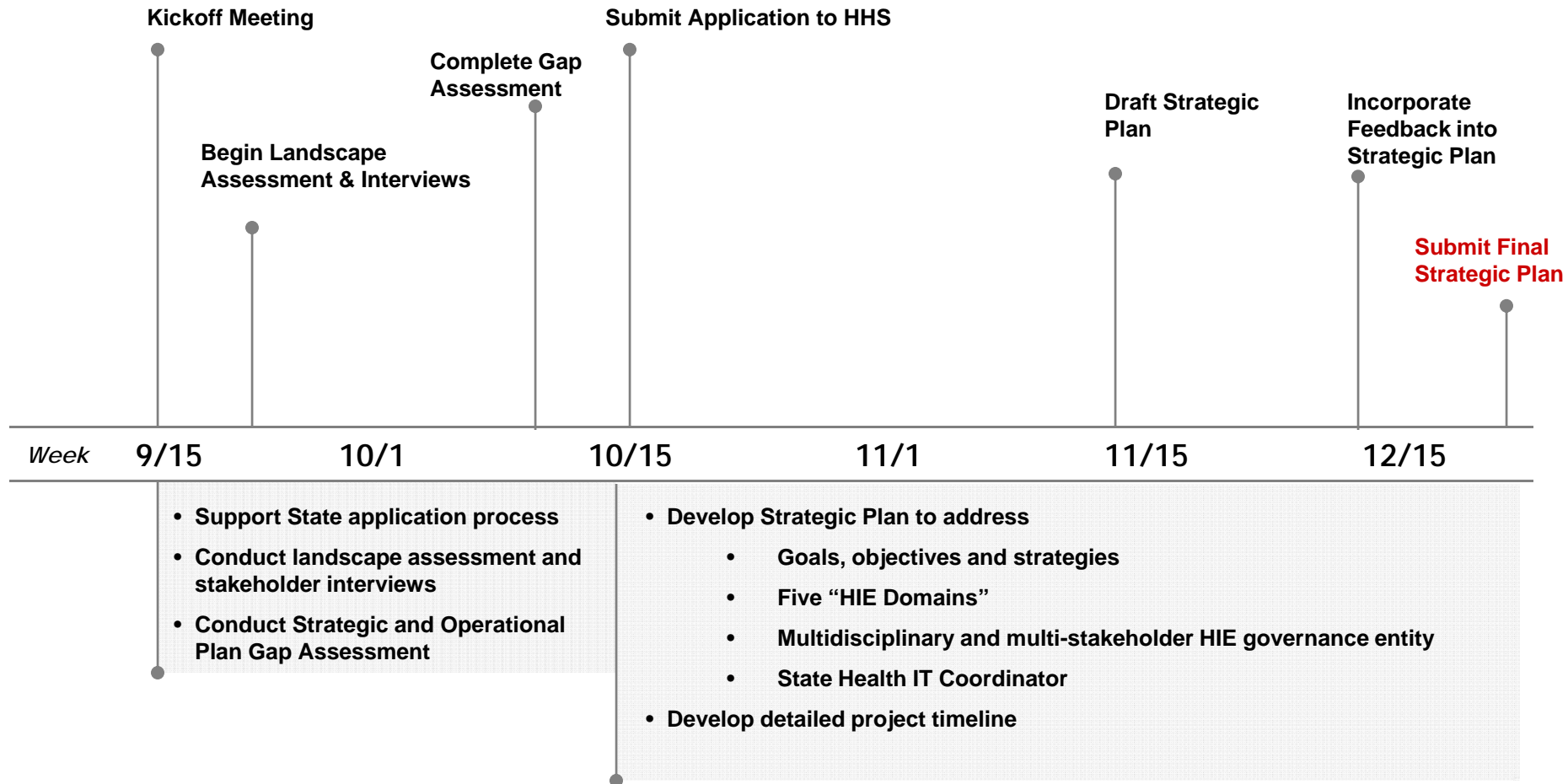
State Opportunities Under HITECH

Discussion & Questions

Project Plan

- **Project Tasks & Timeline**
- **ONC Requirements**
 - Application
 - Strategic Plan
 - Operational Plan

Immediate Project Tasks & Timeline



State HIE Program: Classification of States

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Project Tasks & Timeline through April 2010



ONC Project Application Requirements

| Topic Area | Components |
|--|---|
| Current State | <ul style="list-style-type: none">• Status of state's progress in achieving statewide HIE among healthcare providers• Progress and status of state's project planning and implementation |
| Proposed Project Summary | <ul style="list-style-type: none">• Approach and activities to develop and finalize Strategic and Operational Plans• Rationale for overall project approach• Anticipated barriers and mitigation plan• Privacy and security compliance• Proposed stakeholder communications strategy• Consideration and incorporation of stakeholder interests• Plan to involve medically underserved populations |
| Required Performance Measures and Reporting | <ul style="list-style-type: none">• Methodologies, tools and strategies to collect data relative to reporting requirements (5 domains) and performance measures (implementation) |
| Project Management | <ul style="list-style-type: none">• Delineation of roles and responsibilities of project staff, consultants, and partner organizations• Approach to monitor and track progress |
| Evaluation | <ul style="list-style-type: none">• Methods, techniques, and tools to track and maintain project information required for self-evaluation |
| Organizational Capability | <ul style="list-style-type: none">• Description of organization• Capability to sustain project activities post-financial assistance• Key staff and resumes• Current or previous relevant experience• Organization chart |
| Required Plans | <ul style="list-style-type: none">• Current state Strategic Plan |
| Budget Narrative | <ul style="list-style-type: none">• Proposed costs |

Letters of Commitment from Key Participating Organizations and Agencies

David Blumenthal MD, MPP
National Coordinator for Health Information Technology
Department of Health and Human Services
200 Independence Avenue, S.W.
Washington, DC 20201
Date

Dear Dr. Blumenthal,

(Name of organization/group submitting the letter) is very interested in addressing (insert the issue being addressed by the grant application.) and (State why the issue is of concern.)

(State knowledge of proposal, knowledge of agency submitting proposal, and encouragement of funding entity to provide resources to address issue identified above.)

(State that the need to address the issue is significant and how other resources to address the need are insufficient to address or impact the need.)

(Specifically state how your organization will support this project – through assistance with meeting matching requirements, board/commission participation, advocacy)

(State that the proposing organization would coordinate with appropriate partners to ensure efficient and effective use of grant funds.)

(Conclude with general statement of confidence in and support for the organization seeking assistance, based on past experience with the applicant entity, reputation for effectiveness)

Name; Title

Agency; Division (if applicable)

State

Address; Phone; Fax Number; Email

ONC Strategic Plan Requirements

| Topic Area/Domain | Components |
|-----------------------------------|---|
| General Guidance | <ul style="list-style-type: none">• Environmental scan• HIE development and adoption• Medicaid coordination• Coordination of Medicare and Federally Funded, State Based Programs• Participation with federal care delivery organization• Coordination with other ARRA programs |
| Governance | <ul style="list-style-type: none">• Collaborative governance model• State government Health IT Coordinator• Accountability and transparency |
| Finance | <ul style="list-style-type: none">• Sustainability |
| Technical Infrastructure | <ul style="list-style-type: none">• Interoperability• Technical architecture/approach |
| Business and Technical Operations | <ul style="list-style-type: none">• Implementation |
| Legal/Policy | <ul style="list-style-type: none">• Privacy and security• State laws• Policies and procedures• Trust agreements• Oversight of information exchange and enforcement |

ONC Operational Plan Requirements

| Topic Area/Domain | Components |
|--|---|
| General Guidance | <ul style="list-style-type: none">• Coordinate with ARRA Programs• Coordinate with Other States |
| Governance | <ul style="list-style-type: none">• Governance and Policy Structures |
| Finance | <ul style="list-style-type: none">• Cost Estimates and Staffing Plans• Controls and Reporting |
| Technical Infrastructure | <ul style="list-style-type: none">• Standards and Certifications• Technical Architecture |
| Business and Technical Operations | <ul style="list-style-type: none">• Current HIE Capacities• State-Level Shared Services and Repositories• Standard Operating Procedures for HIE |
| Legal/Policy | <ul style="list-style-type: none">• Establish Requirements• Privacy and Security Harmonization• Federal Requirements |

Stakeholder Engagement to Date

➤ Six HIE Listening Sessions (August)

- Cape Girardeau
- Columbia
- Kansas City
- Kirksville
- Springfield
- St. Louis

➤ Over 200 participants statewide representing a broad range of healthcare stakeholders

Overarching categories of feedback

- Quality Outcomes and Improved Patient Care
- Privacy and Security
- Interoperability and Standardization
- Fiscal Sustainability
- Integration of New Technology
- Stakeholder Engagement (consumers, providers, and policymakers)
- Rural and Urban Needs within a Statewide Model

These regional meetings were an important initial step toward Missouri's development and implementation of a statewide HIE.

Stakeholder Engagement: ONC Requirements

- States will be expected to use their authority, programs, and resources to *convene health care stakeholders to ensure trust in and support for a statewide approach to HIE*
 - **Health care stakeholders must be convened to create trust and consensus on an approach for statewide HIE**
- One of the primary purposes of a governance entity is to develop and maintain a multi-stakeholder process

Broad-based stakeholder collaboration with transparency, buy-in, and trust

Potential Mechanisms for Stakeholder Engagement

- Stakeholder Interviews (Sept/October)
- Web-based Information Collection Tool
- Wiki
- Email Listserv
- Virtual Meetings

Advisory Board

➤ Membership

- Diverse, representative of healthcare industry
- Public-private

➤ Leadership/Co-Chairs

- State & private sector representatives

➤ Purpose

- Provide advice and counsel to help inform the outcomes of this project
- Engender stakeholder buy-in
- Leverage stakeholder expertise

Next Steps

- Conduct Target Interviews & Environmental Scan
- Submit Application to ONC on Oct. 16th
- Establish Process for Stakeholder Feedback
- Establish Advisory Board
- Draft Strategic Plan (Target: 12/31)
- Draft Operational Plan (Target: 4/30)